

Case Study:

Aircraft Hanger Floor Coating

Centennial Private Aviation
Location: Centennial, CO USA



Project Overview:

This hanger floor was completed using HP Spartacote's high performance polyaspartic coating and required both standard and custom colors as part of the overall design. The expectation was for a completely flat and smooth floor that could be installed efficiently. The owner had been unhappy with an epoxy system in one of his previous facilities and as a result, selected HP Spartacote®. The floor was in "like new condition" when the project began with no existing coatings or stains.

Installation Specifics:

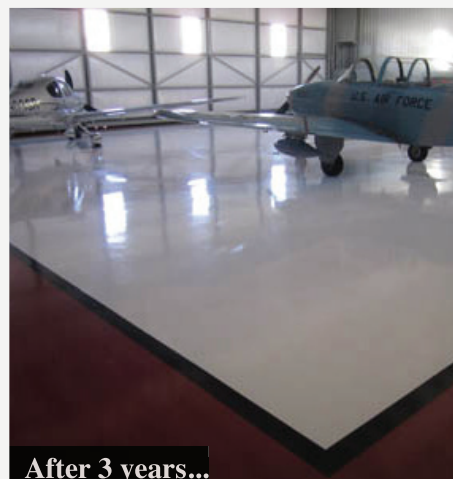
The concrete surface was prepared by grinding the substrate to an 80-grit profile and repairing any cracks using HP Spartacote's Fast Fix Repair material. Remaining dust was vacuumed to achieve a dust free surface for application.

Coating application began with a 3 mil white prime coat using a foam squeegee. Once the prime was dry, lines were taped off indicating the dividing space between the white and pomegranate colors. The installer then applied two 3mil coats of white polyaspartic over the main body of the floor using the squeegee and back roll method to create a solid white floor that was free from streaks and roller marks. Following the second body coat, the tape was pulled. Once dry, the area was re-taped and two 3 mil coats of pomegranate polyaspartic were then applied out to the perimeter walls of the building.

Once the pomegranate color was dry, the tape was removed from the previous days application. After the tape was removed the crew began marking out a perfect 5" wide line to be placed at the point where the white and pomegranate colors come together. The line had to be square to the building and be taped off on both sides all the way around. Once the tape off was complete the installer applied two coats of black Sparta-Flex™ polyaspartic to create the black line. The system was completed with a high gloss top-coat of Sparta-Flex® clear without the use of a traction additive to get the smoothest floor possible per the owners request. Both the owner and the designer were extremely pleased with the entire process and the durability of the floor.

About HP Spartacote:

HP Spartacote is dedicated to producing cutting edge high performance polyaspartic coatings with a rigorous focus on new product development, comprehensive technical support and the advancement of this unique technology within the coatings industry. Interfacing directly with facility managers, architects and engineers, the company develops customized coating systems to meet the needs of each specific project. Its products are distributed throughout the world to commercial and industrial coating contractors and include a wide variety of sustainable green-friendly coating solutions.



After 3 years...



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